

Converting Colors

CIELCh(77, 84.098, 120.103)

Have a look what the booklet for
CIELCh(77, 84.098, 120.103)
contains.

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Color

CIELCh(77, 84.117, 120.033)

Conversions

Conversions Part 1

Format	Color
Hex	95D01B
RGB	149, 208, 27
RGB Percent	58%, 82%, 11%
CMY	0.4160, 0.1846, 0.8946
CMYK	0.28, 0.00, 0.87, 0.18
HSL	80°, 77%, 46%
HSV	80°, 87%, 82%
XYZ	35.1113, 51.5317, 9.1246
YIQ	169.7250, 22.9370, -68.7990

Conversions

Conversions Part 2

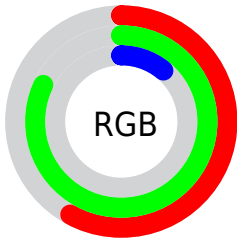
Format	Color
RYB	27, 208, 86
Decimal	9818139
CIELab	77.00, -42.10, 72.82
CIELCh	77, 84.117, 120.033
Yxy	51.5317, 0.3666, 0.5381
Android (android.graphics.Color)	4288008219 (0xFF95D01B)
YUV	169.7250, -70.3634, -18.1758
Hunter-Lab	71.7856, -38.3182, 42.7136

Details

The CIELCh color **77, 84.117, 120.033** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **32, 103.351, 308.778**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 79.374, 118.336**, and **57, 71.917, 124.055** is the 20% darker color. If you saturate the color by 10%, you get **77, 87.595, 120.931**, and if you desaturate by 10%, it is **77, 78.467, 119.601**.

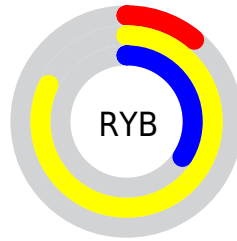
Distribution



Red (58%)

Green (82%)

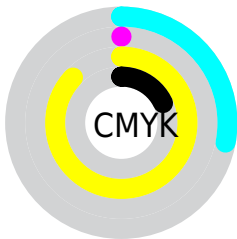
Blue (11%)



Red (11%)

Yellow (82%)

Blue (34%)

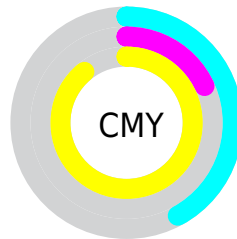


Cyan (28%)

Magenta (0%)

Yellow (87%)

Black (18%)



Cyan (42%)

Magenta (18%)

Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 84.117, 120.033 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 77, 84.117, 120.033 by changing the saturation by 10% instead.

 77, 84.117,
120.033

 77, 84.117,
120.033


 100, 84.117,
120.033


 67, 84.117,
120.033


 97, 84.117,
120.033


 57, 84.117,
120.033

 47, 84.117,
120.033

 37, 84.117,
120.033

 27, 84.117,
120.033

 17, 84.117,
120.033

 7, 84.117, 120.033

■ 0, 84.117, 120.033

■ 77, 84.117,
120.033

■ 77, 84.117,
120.033

■ 77, 87.595,
120.931

■ 77, 78.467,
119.601

■ 76, 88.412,
121.227

■ 78, 70.891,
119.559

■ 79, 61.885,
119.793

■ 79, 51.913,
120.202

■ 80, 41.328,
120.710

■ 81, 30.373,
121.264

■ 82, 19.215,
121.833

■ 83, 7.964, 122.396

■ 84, 3.304, 302.908

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



77, 84.117, 120.033



32, 103.351, 308.778

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77, 84.117, 120.033



77, 84.117, 170.033



77, 84.117, 300.033



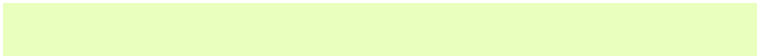
77, 84.117, 350.033

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



77, 84.117, 120.035



97, 34.434, 121.308



52, 71.358, 49.464



51, 23.301, 121.110



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77, 84.117, 120.035



92, 103.248, 121.406



74, 96.341, 134.602



44, 6.418, 122.265



63, 75.428, 121.003



14, 24.740, 122.413

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



32, 103.351, 308.778



36, 129.575, 308.493



45, 96.716, 321.740



41, 6.535, 303.300



22, 94.616, 308.745



2, 26.040, 301.571

Previews

White Background



This preview shows how the CIELCh color 77, 84.117, 120.033 looks on a white background.

Color Contrast Check

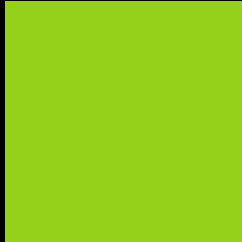
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 77, 84.117, 120.033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

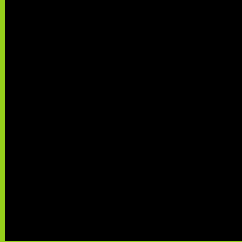
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 84.117, 120.033

Background



This preview shows how black text looks on a background with the CIELCh color 77, 84.117, 120.033.



This preview shows how white text looks on a background with the CIELCh color 77, 84.117, 120.033.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
77, 84.117, 120.033

Protanopia
77, 75.910, 95.303

Deuteranopia
77, 71.176, 82.240



Tritanopia
77, 11.965, 245.109

Trichromacy



Original Color
77, 84.117, 120.033

Protanomaly
77, 77.134, 105.370

Deuteranomaly
76, 71.548, 97.735

Tritanomaly
76, 32.621, 133.581

Monochromacy



Original Color
77, 84.117, 120.033

Achromatopsia
70, 0.009, 296.813

Achromatomaly
72, 36.296, 121.088

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 84.117, 120.033 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(149, 208, 27)` looks like.

```
.text, #text, p{  
    color:rgb(149, 208, 27)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(149, 208, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 208, 27) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 84.117, 120.033 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(149, 208, 27) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(149, 208, 27) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(149, 208, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 208, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 208, 27);  
box-shadow:4px 4px 4px 4px rgb(149, 208,  
27) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 84.117, 120.033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 208, 27) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(149,  
208, 27) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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